

## WHAT IS CLAIMED IS:

1. A fabric material processing method comprising the steps of:
  - (a) Coating the surface of each of top and bottom sides of a prepared fabric  
5 material with a layer of nanostructured metal liquid;
  - (b) Drying said fabric material;
  - (c) Dipping said fabric material in a nanostructured water repellent solution  
to absorb water repellent;
  - (d) Drying said fabric material;
  - 10 (e) Spraying a solvent on the surface of the bottom side of said fabric  
material to remove water repellent from the surface of the bottom side of said fabric  
material;
  - (f) Grinding the surface of the bottom side of said fabric material with a  
grinding wheel before drying of said solvent, so as to remove nanostructured metal  
15 from the surface of the bottom side of said fabric material;]
  - (g) Drying said fabric material and then desizing said fabric material;
  - (h) Washing said fabric material with clean water; and
  - (i) Drying said fabric material.
2. The fabric material processing method as claimed in claim 1, wherein said  
20 nanostructured metal liquid is a water solution containing 1% nanostructured titanium  
dioxide ( $\text{TiO}_2$ ), and 10% water soluble dextrin.
3. The fabric material processing method as claimed in claim 1, wherein said  
nanostructured metal liquid is a water solution containing 1% nanostructured silicon  
dioxide ( $\text{SiO}_2$ ), and 10% water soluble dextrin.
- 25 4. The fabric material processing method as claimed in claim 1, wherein said

nanostructured metal liquid is a water solution containing 1% nanostructured zinc dioxide ( $\text{ZnO}_2$ ), and 10% water soluble dextrin.

5 5. The fabric material processing method as claimed in claim 1, wherein said nanostructured metal liquid is a water solution containing 1% nanostructured titanium dioxide ( $\text{TiO}_2$ ), and 10% polyethylene.

6. The fabric material processing method as claimed in claim 1, wherein said nanostructured metal liquid is a water solution containing 1% nanostructured silicon dioxide ( $\text{SiO}_2$ ), and 10% polyethylene.

10 7. The fabric material processing method as claimed in claim 1, wherein said nanostructured metal liquid is a water solution containing 1% nanostructured zinc dioxide ( $\text{ZnO}_2$ ), and 10% polyethylene.

8. The fabric material processing method as claimed in claim 1, wherein said nanostructured water repellant solution is a methylbenzene solution containing 1% nanostructured metal, 1% stearate, and 1.2% silicon water repellant.

15 9. The fabric material processing method as claimed in claim 1, wherein said nanostructured water repellant solution is an iso-acetone solution containing 1% nanostructured metal, 1% stearate, and 1.2% silicon water repellant.

20 10. A fabric material processing method comprising the steps of (a) mixing a nanostructured metal with a nanostructured resin to form a nanostructured solution, (b) spraying said nanostructured solution on the top surface of a fabric material and then drying said fabric material, and (c) repeating step (a) and step (b) three times.